End of Result Set

L32: Entry 1 of 1 File: DWPI Jul 30, 1985

DERWENT-ACC-NO: 1985-221406
DERWENT-WEEK: 198536

TITLE: Thermosetting resin moulding material - contg. magnetic material, used for reed relay

PATENT-ASSIGNEE: MATSUSHITA ELECTRIC WORKS LTD (MATW)

PRIORITY-DATA: 1984JP-0001073 (January 6, 1984)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 60144365 A	July 30, 1985		002	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP60144365A	January 6, 1984	1984JP-0001073	

INT-CL (IPC): C08K 3/22; C08L 87/00; H01F 1/37

ABSTRACTED-PUB-NO: JP60144365A
BASIC-ABSTRACT:

Thermosetting resin moulding material contains 5-80 wt.% of magnetic material, pref. ferrite. Pref. the thermosetting resin is, e.g. phenol resin, epoxy resin, unsatd. polyester resin, melamine resin, furan resin, their modified resin, their mixt., etc. The moulding material opt. contains curing agent, curing promoter, filler, reinforcing agent, releasing agent, colouring agent, etc.

USE/ADVANTAGE - The thermosetting resin moulding material has an improved magnetic efficiency and is useful for, e.g. reed relay, etc. of a measuring instrument, controlling instrument, etc.

ABSTRACTED-PUB-NO: JP60144365A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: A28 A85 L03 S01 V02 V03
CPI-CODES: A08-M09; A09-A04; L03-B02; L03-B04;
EPI-CODES: S01-H; V02-A02B; V03-D04A1;

WEST

End of Result Set

Generate Collection Print

L32: Entry 1 of 1 File: DWPI Jul 30, 1985

DERWENT-ACC-NO: 1985-221406
DERWENT-WEEK: 198536

TITLE: Thermosetting resin moulding material - contg. magnetic material, used for reed relay

PATENT-ASSIGNEE:

ASSIGNEE	CODE
MATSUSHITA ELECTRIC WORKS LTD	MATW

PRIORITY-DATA: 1984JP-0001073 (January 6, 1984)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 60144365 A	July 30, 1985		002	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP60144365A	January 6, 1984	1984JP-0001073	

INT-CL (IPC): C08K 3/22; C08L 87/00; H01F 1/37

ABSTRACTED-PUB-NO: JP60144365A
BASIC-ABSTRACT:

Thermosetting resin moulding material contains 5-80 wt.% of magnetic material, pref. ferrite. Pref. the thermosetting resin is, e.g. phenol resin, epoxy resin, unsatd. polyester resin, melamine resin, furan resin, their modified resin, their mixt., etc. The moulding material opt. contains curing agent, curing promoter, filler, reinforcing agent, releasing agent, colouring agent, etc.

USE/ADVANTAGE - The thermosetting resin moulding material has an improved magnetic efficiency and is useful for, e.g. reed relay, etc. of a measuring instrument, controlling instrument, etc.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: THERMOSETTING RESIN MOULD MATERIAL CONTAIN MAGNETIC MATERIAL REED RELAY

DERWENT-CLASS: A28 A85 L03 S01 V02 V03

CPI-CODES: A08-M09; A09-A04; L03-B02; L03-B04;

EPI-CODES: S01-H; V02-A02B; V03-D04A1;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1377U; 1694U ; 5205U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:
Key Serials: 0011 0034 0037 0205 0218 0183 0226 1276 1277 1282 3181 1310 1737 1990 2020 2198 2208 2211 2218 2285 2300 2315 2321 2462 2493 2545 2555 2706 2742 2743

WEST

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L20: Entry 1 of 1 File: DWPI May 8, 1984

DERWENT-ACC-NO: 1984-149665
DERWENT-WEEK: 198424

TITLE: High mechanical strength sintered ferrite prodn. - using aq. emulsion of polybutadiene-modified epoxy! resin as binder when sintering

PATENT-ASSIGNEE: NIPPON SODA CO (NIPS)

PRIORITY-DATA: 1982JP-0187053 (October 25, 1982)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 59078974 A	May 8, 1984		005	
JP 90029623 B	July 2, 1990		000	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP59078974A	October 25, 1982	1982JP-0187053	
JP90029623B	October 25, 1982	1982JP-0187053	

INT-CL (IPC): C04B 35/26

ABSTRACTED-PUB-NO: JP59078974A
BASIC-ABSTRACT:

Polybutadiene-modified epoxy resin material described in J55137125. It is added to ferrite powder in amt. 0.1 - 20 wt. % (pref. 1 - 5 wt. %). Opt. hardener for epoxy resin (e.g., diethylene triamine, meta-phenylene diamine, diaminodiphenyl methane, diamino diphenylsulphone, phthalic anhydride, pyromellitic anhydride) 0.5 - 1.5 equivs. or radical polymerisation initiator (e.g. benzoyl-, 2,4-dichlorobenzoyl-, or octanoyl-peroxide) 0.1 - 10 wt. % (pref. 0.5 - 5 wt. %) is used in combination with the modified epoxy resin.

Sintered ferrite body of high mechanical strength (120 - 150 kg/cm2 compressive strength) and prominent magnetic properties magnetic permeability 2900 - 3300 and magnetic flux density 3400-3500 gauss is obtd.

ABSTRACTED-PUB-NO: JP59078974A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: A21 A85 L03
CPI-CODES: A04-B02; A05-A01E; A07-A04A; A10-E05; A12-W12D; L02-G07A; L03-B02B;

WEST

End of Result Set

Generate Collection Print

L15: Entry 1 of 1 File: DWPI Jan 7, 1984

DERWENT-ACC-NO: 1984-039922
DERWENT-WEEK: 198407

TITLE: Magnetically conductive paste - includes magnetite or ferrite powder in organic adhesive

PATENT-ASSIGNEE: YG ENOMOTO JIMUSHO (ENOMN)

PRIORITY-DATA: 1982JP-0109786 (June 28, 1982)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 59002304 A	January 7, 1984		003	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP59002304A	June 28, 1982	1982JP-0109786	

INT-CL (IPC): C09D 5/23; C09J 3/00; H01F 1/37

ABSTRACTED-PUB-NO: JP59002304A
BASIC-ABSTRACT:

The paste comprises ferrite and/or magnetite powder in organic adhesive (e.g. epoxy resin and epoxy hardening agent). Ageing stability of magnetic conductivity is improved at high temp.

In an example, 100g ferrite powder, 4g ethyl cellulose and 40g alpha-terpi neol were kneaded. The obtd. paste was coated to an alumina ceramic, which was baked at 600-900 deg.C to eliminate ethyl cellulose and produce the magnetically conductive material. Use of ferrite or/and magnetite (oxide) prevents further oxidn. and improved ageing stability.

Organic adhesive comprises e.g. epoxy resin, polyimide resin, polyester resin, acrylic resin, ethylcellulose-alpha terpineol soln., etc. Powder size of the ferrite or magnetic was pref. less than 5 microns. Above 5 microns, the gap between each powder particle was increased and the desired permeability could not be obtd.

ABSTRACTED-PUB-NO: JP59002304A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/3

DERWENT-CLASS: A85 G02 L03 V02
CPI-CODES: A05-A01E1; A12-A05C; A12-E08; G02-A05B; G03-B02E2; L03-B02B;
EPI-CODES: V02-A02B;

WEST

Generate Collection Print

L12: Entry 15 of 25 File: DWPI Oct 25, 1989

DERWENT-ACC-NO: 1989-359168
DERWENT-WEEK: 198949

TITLE: Distributor for IC engine ignitor - includes electrodes made of resin bound type magnetic compsn. contg. ferromagnetic powder and heat resistant thermosetting resin

PATENT-ASSIGNEE: MITSUBISHI CABLE IND LTD (DAIE)

PRIORITY-DATA: 1988JP-0097552 (April 19, 1988)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 01267363 A	October 25, 1989		004	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP01267363A	April 19, 1988	1988JP-0097552	

INT-CL (IPC): F02P 7/02

ABSTRACTED-PUB-NO: JP01267363A
BASIC-ABSTRACT:

Distributor has a rotary electrode having high voltage applied to it and fixed electrodes set in the rotation region of the rotary electrode and connected with plugs set in the cylinders of an internal combustion engine. Discharge is effected between the electrodes to apply high voltage to the plugs. The electrodes are (partially) made of a resin-bound type magnetic compsn. contg. 80-90 wt.% ferromagneti c powder, e.g., ferrite powder, Fe, Co cpd., permalloy, alnico magnetic powder, Nd magnetic powder, and/or amorphous magnetic powder, and 5-20 wt.% high heat-resistant thermosetting resin powder, e.g., prepolymer obtd. from the reaction of the bisimide cpd. of unsatd. dicarboxylic acid with a polyamine cpd. having at least two amino gps. in its molecule, a mixt. of the prepolymer and epoxy resin having at least two epoxy gps. in its molecule, or a mixt. of polyparabani c acid resin and/or a mixt. of polyparabanic acid resin and epoxy reisn.

USE/ADVANTAGE - Distributor is used for the ignitor of an 12 engine. It has high noise-suppressing effect and high processability.

ABSTRACTED-PUB-NO: JP01267363A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/1

DERWENT-CLASS: A28 A85 L03 M22 Q54
CPI-CODES: A08-M09A; A09-A03; A12-E08B; A12-E14; A12-T04C; L03-H05; M22-H03F;

WEST

Generate Collection Print

L14: Entry 14 of 58 File: DWPI Aug 5, 1994

DERWENT-ACC-NO: 1994-288626
DERWENT-WEEK: 199436

TITLE: Magnetic adhesive for bonding magnetic bodies - comprises mixt of soft magnetic ferrite powder and resin or mixt with solvent, does not give leakage of magnetic flux

PATENT-ASSIGNEE: TOKIN CORP (TOHM)

PRIORITY-DATA: 1992JP-0341138 (November 27, 1992), 1992JP-0193171 (June 25, 1992), 1992JP-0254048 (August 28, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 06215927 A	August 5, 1994		006	H01F001/37

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP06215927A	June 25, 1993	1993JP-0179833	

INT-CL (IPC): C09J 9/00; C09J 11/04; H01F 1/34; H01F 1/37

ABSTRACTED-PUB-NO: JP06215927A
BASIC-ABSTRACT:

Magnetic adhesive consists of mixt. of soft magnetic ferrite powder and resin, or mixt. of soft magnetic ferrite powder, resin and solvent. The ferrite powder has the average particle size of 0.1-10 microns, and the content of the ferrite magnet in the mixt. is 25-70 vol. %.

The resin is e.g, thermosetting epoxy resin, thermoplastic polyvinyl chloride resin, thermosetting silicone resin, ABS resin, ethylene-vinyl acetate copolymer resin, EVA resin, polyamide, polybutylene terephthalate resin, methacryl resin, vinyl acetate resin, polycarbonate, polystyrene resin, urethane resin, butadiene-styrene copolymer resin, phenol resin, alkyl resin or melamine resin etc., and the solvent is e.g., toluene etc.

USE/ADVANTAGE - The magnetic adhesive is used for bonding magnetic bodies. The magnetic bodies are adhered to each other without leaking of magnetic flux.

ABSTRACTED-PUB-NO: JP06215927A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/4

DERWENT-CLASS: A81 A85 G03 L03 V02
CPI-CODES: A08-M09A; A09-A04; A11-C01C; A12-E08; G03-B01; G03-B02; G03-B02D; G03-B02E; L03-B02; L03-B02B;
EPI-CODES: V02-A02B;

WEST

Generate Collection Print

L12: Entry 20 of 25 File: DWPI Dec 18, 1986

DERWENT-ACC-NO: 1986-346684
DERWENT-WEEK: 198652

TITLE: Resin-bonded magnetic compsn. used to produce magnetic moulding - has excellent heat resistance, mechanical strength, workability and initial magnetic permeability

INVENTOR: KIZAKI, T; NAKAZAWA, Y

PATENT-ASSIGNEE: TAKEUCHI PRESS (TAKEN), TANINO K PRESS (TANII), TOYAMA PREFECTURE (TOYAN)

PRIORITY-DATA: 1985JP-0125363 (June 10, 1985)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 8607489 A	December 18, 1986	J	018	
DE 3683929 G	March 26, 1992		000	
EP 225392 A	June 16, 1987	E	000	
EP 225392 A4	December 27, 1989		000	
EP 225392 B	February 19, 1992		000	
JP 61503136 X	March 5, 1987		000	
JP 92063523 B	October 12, 1992		006	H01F001/08
US 4808326 A	February 28, 1989		000	

DESIGNATED-STATES: JP US DE FR DE FR DE FR

CITED-DOCUMENTS:CA 969697; DE 2159905 ; FR 2116488 ; JP50052110 ; JP51002506 ; JP52091196 ; US 3668176 ; EP 145178 ; EP 87781 ; GB 705271 ; JP76002506

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
WO 8607489A	June 9, 1986	1986WO-JP00288	
EP 225392A	June 9, 1986	1986EP-0903589	
EP 225392A4		1986EP-0903589	
JP92063523B	June 9, 1986	1986JP-0503136	
JP92063523B	June 9, 1986	1986WO-JP00288	
JP92063523B		WO 8607489	Based on
US 4808326A	February 9, 1987	1987US-0026369	

INT-CL (IPC): G11B 5/68; H01F 1/02; H01F 1/08

ABSTRACTED-PUB-NO: EP 225392B
BASIC-ABSTRACT:

This new magnetic composition comprises ferromagnetic powder (80-95 wt.%), highly heat resistant thermosetting resin powder (5-20 wt.%),and a metal chelate compound (0.1-1 wt.%). The ferromagnetic powder is one of ferrite powder, resin powder, cobalt-compound powder, permalloy powder, Alnico magnetic powder, Neodymium magnetic powder, amorphous magnetic powder, or a mixture of two or more of these. The heat resistant thermosetting

resin powder is (a) a prepolymer (1), (b) a mixture of prepolymer (1) and an epoxy resin having more than the epoxy group, (c) polyparabanic acid resin, (d) a mixture of polyparabanic acid resin and epoxy resin, or (e) a mixture of two or more of these. (1) is obtained by the reaction of a bisimide derivative of an unsaturated dicarbonic acid with a polyamine compound having more than one amino group. The metal chelate compound is Al-acetylacetonate, Co-acetylacetonate, Fe- acetyl-acetonate, Mn-acetylace tonate, Ni-acetylacetonate, Zn-acetylacetonate, Zr-acetylacetonate, or a mixture of two or more of these. The magnetic moulding is produced by mixing all of these powders together and then carrying out hot-press moulding under heat (150-250 deg.C) and pressure (0.5-3 t/cm2).

USE/ADVANTAGE - Having excellent heat resistance, mechanical strength, mechanical workability and initial magnetic permeability. Used as the magnetic core for a tranformer or for high frequency welding of a laminated tube.

ABSTRACTED-PUB-NO: US 4808326A
EQUIVALENT-ABSTRACTS:

A resin-bonded magnetic composition comprising 80 to 95 wt.% of ferromagnetic powder, 5 to 20 wt.% of highly heat-resistant thermosetting resin powder and 0.1 to 1 wt.% of a metal chelate compound. (11pp)

Magnetic moulding compsn. consists of (A) 80-95 wt.% ferromagnetic powder, (B) 5-20 wt.% highly heat resistant thermosetting resin powder and (C) 0.1-1 wt.% metal chelate cpd. (B) is (1) prepolymer obtd. by reacting bisimide cpd. of unsatd. dicarboxylic acid with di- or polyamine, (2) mixt. of (1) and epoxy resin; (3) polyparabanic acid or (4) mixt. of (3) and epoxyresin (C) is acetylacetonate of Al, co, Fe, Mn, Ni, Zn or Zr.

USE/ADVANTAGE - Compsn. is used e.g. for a magnetic core for a transformer or for hf welding of a laminated tube. complicated shapes can be moulded at low temp. and prods. have improved heat resistance, mechanical strength, mechanical workability and initial magnetic permeability. (5pp)

WO 8607489A

CHOSEN-DRAWING: Dwg.0/0

DERWENT-CLASS: A85 E12 L03 V02
CPI-CODES: A05-A01E2; A05-J02; A05-J11; A12-E08B; E05-B03; E05-L02; E05-L03A; E05-L03D; E05-M; L03-B02A; L03-B02B;
EPI-CODES: V02-A02A;

09/854767

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L26	L9 and pyrrolidone	1	L26
L25	L9 and methylpyrrolidone	0	L25
L24	L9 and N-methylpyrrolidone	0	L24
L23	L9 and bismaleimide adj1 resin	0	L23
L22	L9 and bismaleimide	0	L22
L21	L9 and maleimide	0	L21
L20	L9 and pyromellitic adj1 anhydride	1	L20
L19	L9 and polyamic adj1 acid	1	L19
L18	L9 and bismaleimide	0	L18
L17	L14 and bismaleimide	0	L17
L16	L14 adn bismaleimide	3828	L16
L15	L14 and polyimide	1	L15
L14	L9 and adhesive	58	L14
L13	L9 and adhesive adj1 resin	1	L13
L12	L9 and thermosetting adj1 resin	25	L12
L11	l9 same L10	1	L11
L10	liquid adj1 matrix adj1 resin	11	L10
L9	ferrite adj1 powder	1809	L9
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L7	'7144365'	0	L7
L6	'5144365'	2	L6
L5	'85144365'	0	L5
L4	CH adj1 '85144365'	0	L4
L3	CH adj1 '60-144365'	0	L3
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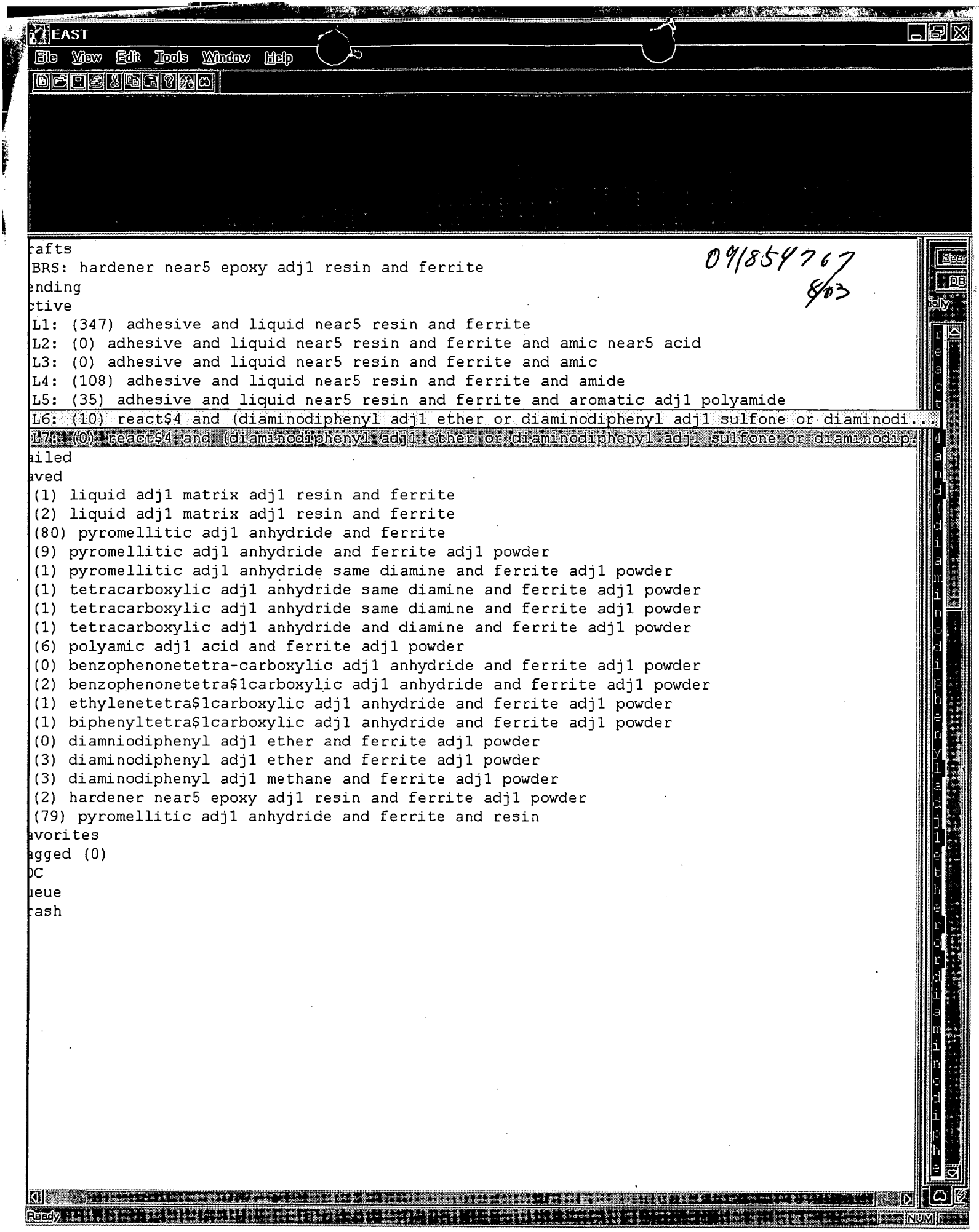
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BRS: hardener near5 epoxy adj1 resin and ferrite
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L2: (0) adhesive and liquid near5 resin and ferrite and amic near5 acid
L3: (0) adhesive and liquid near5 resin and ferrite and amic
L4: (108) adhesive and liquid near5 resin and ferrite and amide
L5: (35) adhesive and liquid near5 resin and ferrite and aromatic adj1 polyamide
L6: (10) react$4 and (diaminodiphenyl adj1 ether or diaminodiphenyl adj1 sulfone or diaminodi...
L7: (0) react$4 and (diaminodiphenyl adj1 ether or diaminodiphenyl adj1 sulfone or diaminodip...
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(6) polyamic adj1 acid and ferrite adj1 powder
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(1) ethylenetetra$1carboxylic adj1 anhydride and ferrite adj1 powder
(1) biphenyltetra$1carboxylic adj1 anhydride and ferrite adj1 powder
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(3) diaminodiphenyl adj1 ether and ferrite adj1 powder
(3) diaminodiphenyl adj1 methane and ferrite adj1 powder
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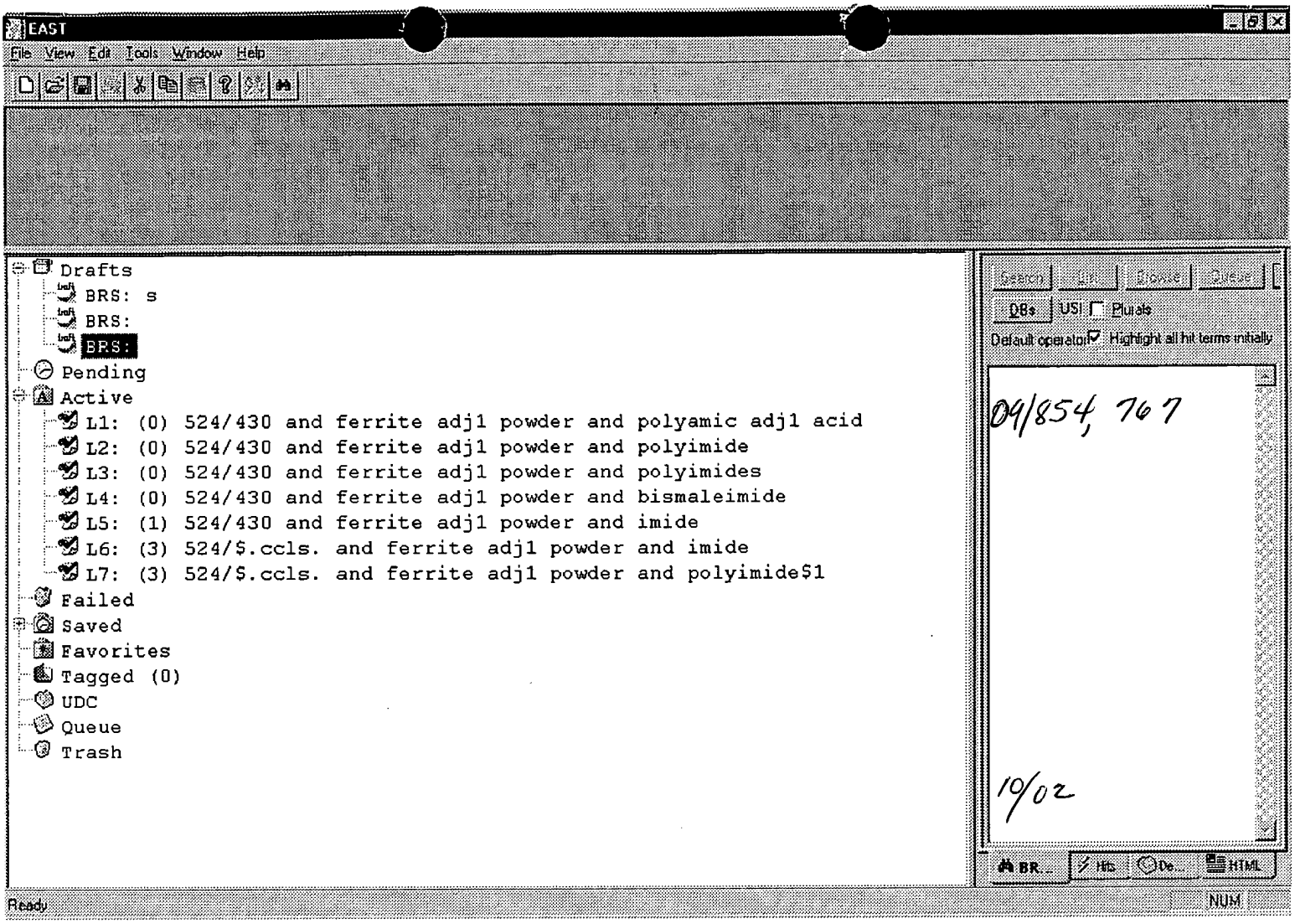
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